



# FortiAP 21D

QuickStart Guide



December 12, 2017

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- Protection from new threats

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- Support technique
- Nouvelles fonctionnalités du produit
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登録すると次のメリットがあります。

テクニカルサポート・新機能の追加・新しい脅威への防御

## 请马上注册

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Email: [register@fortinet.com](mailto:register@fortinet.com)

# Box Includes



FortiAP 21D



QuickStart Guide



Ethernet Cable



USB Cable



Power Adapter

# Before You Begin

Write down details that you may need from your network administrator or ISP.

## DSL PPPoE

Username

Password

## Cable Modem DHCP

It is normal to not require a hostname, but your ISP may require it.

Hostname

## Static IP address

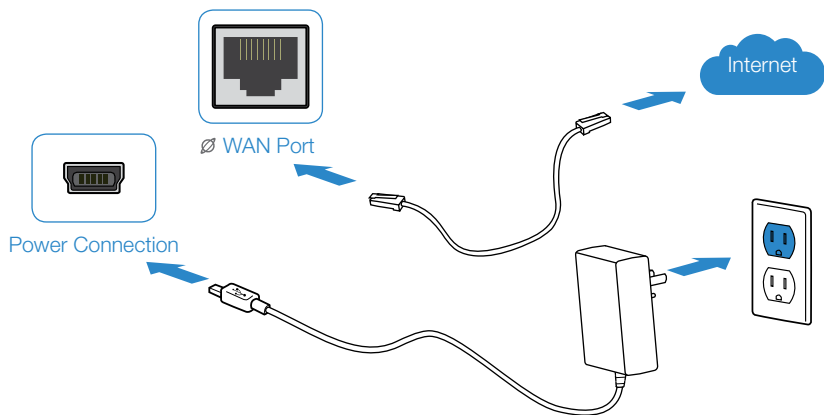
IP Address

Subnet Mask

Default Gateway

Primary/Secondary DNS

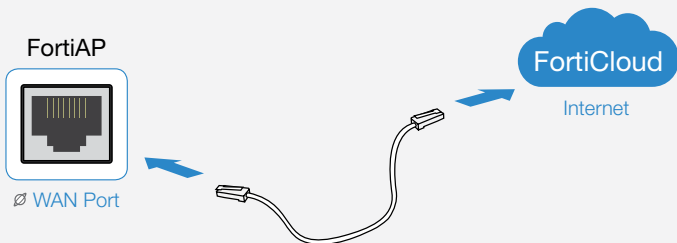
# 1 Basic Connections



Connect your device to a [power outlet](#) and an [Internet connection](#). This is usually a modem, but could also be another device on your network.

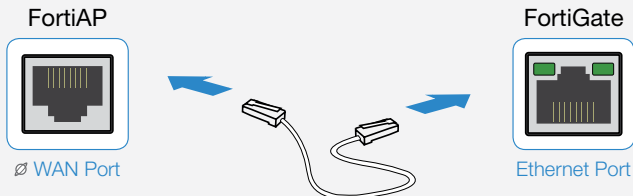
## 2 FortiAP Setup

### A Cloud provisioning with FortiCloud



OR

### B FortiGate secured on local network

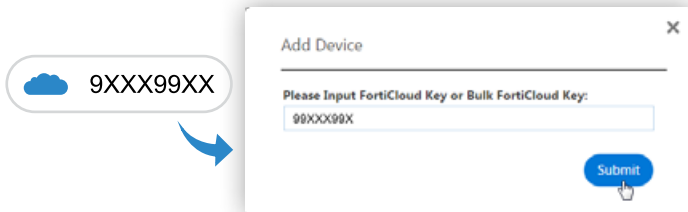


FortiAP Setup Video

<http://video.fortinet.com/video/92/basic-fortiap-setup>

# A FortiCloud

1. Visit <http://www.forticloud.com> and [sign in](#) or [create a new account](#).
2. Click the “Add Device” link, enter the [unique FortiCloud key](#) located on your FortiAP device, then click [Submit](#).



9XXX99XX

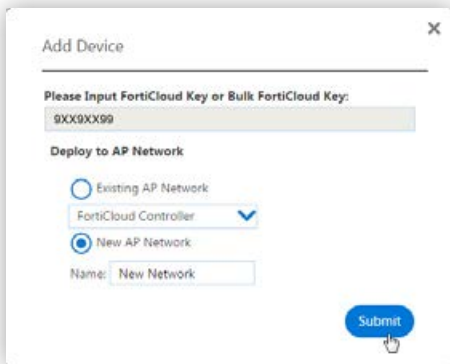
Add Device

Please Input FortiCloud Key or Bulk FortiCloud Key:

99XXX99X

Submit

3. Deploy the FortiAP to an existing AP network, or create a new AP network, then click [Submit](#).



Add Device

Please Input FortiCloud Key or Bulk FortiCloud Key:

9XX9XX99

Deploy to AP Network

☐ Existing AP Network

FortiCloud Controller

☒ New AP Network

Name: New Network

Submit

4. Follow the prompts to associate the [FortiAP](#) device to an [SSID](#).
5. Connect your FortiAP to an [Internet connection](#). This can be a modem or another source of Internet connectivity. The FortiAP will self-configure.



## B Deployment through a FortiGate

### If your FortiGate is on the same network as your FortiAP:

1. Preauthorize your FortiAP device using your FortiGate. If you are not familiar with deploying a FortiAP using your FortiGate, refer to the “Access Point Deployment” section of the [Deploying Wireless Networks Guide](http://docs.fortinet.com) found at <http://docs.fortinet.com>.
2. Plug your FortiAP into your local Ethernet connection. The FortiAP will self-configure.

Or

1. Instead of preauthorizing, you can authorize your FortiAP via the FortiGate after you have connected the FortiAP to your local [Ethernet](#).
2. Within [two minutes](#) of connecting the FortiAP to your FortiGate, the device will appear on the [Managed FortiAP](#) page in the [Web-based Manager](#):  
authorize and assign a profile to the device.



### If your FortiGate is not on the same network as your FortiAP:

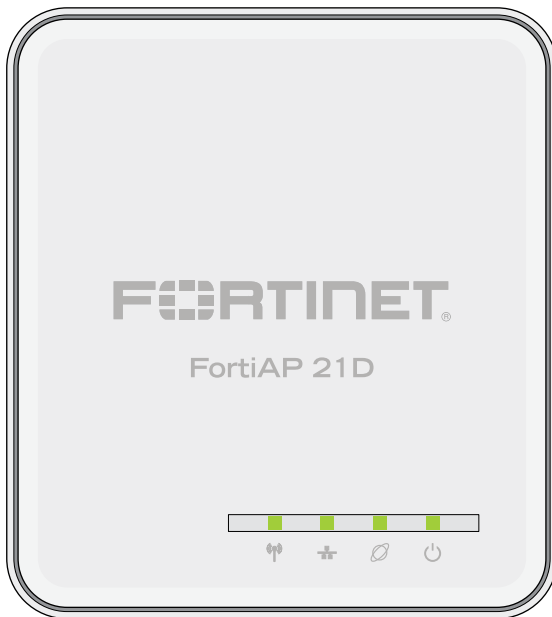
1. [Log in](#) to the FortiAP directly (IP address: [192.168.1.2](#)) with username [admin](#) and [no password](#), and specify the [IP address](#) of the controlling FortiGate.
2. Connect to the FortiAP via the [CLI](#) using the instructions in the “[Connecting to FortiAP CLI](#)” section of the [Deploying Wireless Networks guide](#).
3. Specify the [IP address](#) of the controlling FortiGate:

```
cfg -a AC_IPADDR_1=0.0.0.0
```

```
cfg -c
```

where [0.0.0.0](#) is the address of the FortiGate.

4. The FortiAP will connect to the FortiGate, and then you can [authorize](#) the FortiAP.



### Wireless Radio

- **Green:** Wireless radio enabled
- ⦿ **Flashing Green:** Transmitting & receiving data
- **Off:** Wireless interface down

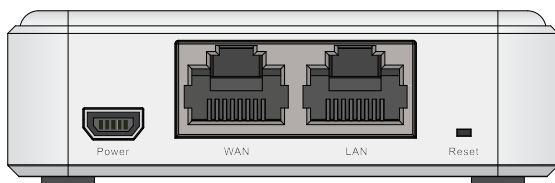
### LAN and WAN Ports

- **Green:** Connected
- ⦿ **Flashing Green:** Transmitting & receiving data
- **Off:** No link established

### Power

- **Green:** The unit is on
- **Off:** The unit is off

# Device Guide



## **USB MGMT (USB mini-B)**

USB client port for power connection

## **LAN Port (RJ-45)**

Ethernet port for local network connection



## **WAN Port (RJ-45)**

Ethernet port for Internet connection



## **USB (USB-A)**

Allows configuration of the device using FortiExplorer on your mobile device (requires version 1.0.3 or later)

# Cautions and Warnings

## Environmental Specifications

Ambient operating temperature: 0–40°C.

*Refer to specific Product Model Data Sheet for Environmental Specifications (Operating Temperature, Storage Temperature, Humidity, and Altitude).*

*Référez à la Fiche Technique de ce produit pour les caractéristiques environnementales (Température de fonctionnement, température de stockage, humidité et l'altitude).*

## Regulatory Notices

### Federal Communication Commission (FCC) – USA

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received; including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if it is not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**WARNING:** Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### Industry Canada Equipment Standard for Digital Equipment (ICES) – Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

### Industry Canada (IC RSS) – Canada

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20cm de distance entre la source de rayonnement et votre corps.

### European Conformity (CE) – EU

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.



The product transmits within the frequency ranges and less than or equal to the power listed below:  
2412-2472MHz less than 20dBm

### Voluntary Control Council for Interference (VCCI) – Japan

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### **Français**

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### **Hrvatski**

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Šis produkts atbilst konformitātes prasībām saskaņā ar Direktīvu 2014/53/EU.

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### **Malti**

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### **Magyar**

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